

ABSTRACT

The present invention a novel use of primaquine derivative N<sup>1</sup> - (3-ethylidinetetrahydrofuran-2-one)-N<sup>4</sup> - (6-methoxy-8-quinoliny)-1,4-pentanediamine in the treatment and controlling the spread of malaria. In particular, the present invention discloses a method of treatment of malaria by the use of primaquine derivative N<sup>1</sup> - (3-ethylidinetetrahydrofuran-2-one)-N<sup>4</sup> - (6-methoxy-8-quinoliny)-1,4-pentanediamine as a gametocytocidal agent.